

## TRIBUTARIES BETWEEN PARKER DAM AND GILA RIVER

09428800 TYSON WASH TRIBUTARY NEAR QUARTZSITE, AZ

LOCATION.--Lat 33°30'45", long 114°13'00", in SW<sup>1</sup>/<sub>4</sub> sec.15, T.2 N., R.19 W., Yuma County, Hydrologic Unit 15030106, at U.S. Highway 95, 10.7 mi south of Quartzsite.

DRAINAGE AREA.--13.7 mi<sup>2</sup>, contributing drainage area not determined.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1963	09-17-63	554		1970	08-00-70	365	
1964	08-01-64	55		1971	08-19-71	300	
1965	08-19-65	503		1972	08-08-72	5.0	ES
1966	09-13-66	510		1973	08-04-73	300	
1967	10-04-66	535		1974	08-03-74	980	
1968	07-05-68	740		1975	09-07-75	80	
1969	09-13-69	120		1976	09-25-76	1,950	

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
75	8.0	1,520	0.0	3.0	6.0	1.5	3.7

